

N.B. 5 establishing an association between said one or more protection domains and one or  
6 more classes of one or more objects; and

7 determining whether an action requested by a particular object is permitted based on  
8 said association between said one or more protection domains and said one or  
9 more classes.

1 2. (NOT AMENDED) The method of Claim 1, wherein:

2 at least one protection domain of said one or more protection domains is associated  
3 with a code identifier;

4 at least one class of said one or more classes is associated with said code identifier;  
5 and

6 the step of establishing an association between said one or more protection domains  
7 and said one or more classes of one or more objects further includes the step  
8 of associating said one or more protection domains and said one or more  
9 classes based on said code identifier.

1 3. (NOT AMENDED) The method of Claim 2, wherein said code identifier indicates a  
2 source of code used to define each class of said one or more classes.

1 4. (NOT AMENDED) The method of Claim 2, wherein said code identifier indicates a  
2 key associated with each class of said one or more classes.

1 5. (NOT AMENDED) The method of Claim 2, wherein said code identifier indicates a  
2 source of code used to define each class of said one or more classes and indicates a  
3 key associated with each class of said one or more classes.

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1 6. (NOT AMENDED) The method of Claim 2, wherein the step of associating said one  
2 or more protection domains and said one or more classes based on said code identifier  
3 further includes associating said one or more protection domains and said one or more  
4 classes based on data persistently stored, wherein said data associates code identifiers  
5 with a set of one or more permissions.

1 7. (NOT AMENDED) A method of providing security, the method comprising the steps  
2 of:  
3 establishing one or more protection domains, wherein a protection domain is  
4 associated with zero or more permissions;  
5 establishing an association between said one or more protection domains and one or  
6 more sources of code; and  
7 in response to executing code making a request to perform an action, determining  
8 whether said request is permitted based on a source of said code making said  
9 request and said association between said one or more protection domains and  
10 said one or more sources of code.

1 8. (NOT AMENDED) The method of Claim 7, wherein the step of establishing an  
2 association between said one or more protection domains and said one or more  
3 sources of code further includes establishing an association between said one or more  
4 protection domains and said one or more sources of code and one or more keys  
5 associated with said one or more sources of code.

1 9. (NOT AMENDED) The method of Claim 8, wherein the step of establishing an  
2 association between said one or more protection domains and said one or more

3 sources of code and said one or more keys associated with said one or more sources  
4 of code further includes establishing said association between said one or more  
5 protection domains and said one or more sources of code and said one or more keys  
6 associated with said one or more sources of code based on data persistently stored,  
7 wherein said data associates particular sources of code and particular keys with a set  
8 of one or more permissions.

1 10. (AMENDED) A computer-readable medium carrying one or more sequences of one  
2 or more instructions, [wherein the execution of] the one or more sequences of the one  
3 or more instructions including instructions which, when executed by one or more  
4 processors, causes the one or more processors to perform the steps of:  
5 establishing one or more protection domains, wherein a protection domain is  
6 associated with zero or more permissions;  
7 establishing an association between said one or more protection domains and one or  
8 more classes of one or more objects; and  
9 determining whether an action requested by a particular object is permitted based on  
10 said association between said one or more protection domains and said one or  
11 more classes.

1 11. (NOT AMENDED) The computer readable medium of Claim 10, wherein:  
2 at least one protection domain of said one or more protection domains is associated  
3 with a code identifier;  
4 at least one class of said one or more classes is associated with said code identifier;  
5 and

N.T. 6 the step of establishing an association between said one or more protection domains  
7 and said one or more classes of one or more objects further includes the step  
8 of associating said one or more protection domains and said one or more  
9 classes based on said code identifier.

1 12. (NOT AMENDED) The computer readable medium of Claim 11, wherein said code  
2 identifier indicates a source of code used to define each class of said one or more  
3 classes.

1 13. (NOT AMENDED) The computer readable medium of Claim 11, wherein said code  
2 identifier indicates a key associated with each class of said one or more classes.

1 14. (NOT AMENDED) The computer readable medium of Claim 11, wherein said code  
2 identifier indicates a source of code used to define each class of said one or more  
3 classes and indicates a key associated with each class of said one or more classes.

1 15. (NOT AMENDED) The computer readable medium of Claim 14, wherein the step of  
2 associating said one or more protection domains and said one or more classes based  
3 on said code identifier further includes associating said one or more protection  
4 domains and said one or more classes based on data persistently stored, wherein said  
5 data associates code identifiers with a set of one or more permissions.

1 16. (NOT AMENDED) A computer-readable medium carrying one or more sequences of  
2 one or more instructions, wherein the execution of the one or more sequences of the  
3 one or more instructions causes the one or more processors to perform the steps of:

N.E. 4 establishing one or more protection domains, wherein a protection domain is

5 associated with zero or more permissions;

6 establishing an association between said one or more protection domains and one or

7 more sources of code; and

8 in response to executing code making a request to perform an action, determining

9 whether said request is permitted based on a source of said code making said

10 request and said association between said one or more protection domains and

11 said one or more sources of code.

1 17. (NOT AMENDED) The computer readable medium of Claim 16, wherein the step of  
2 establishing an association between said one or more protection domains and said one  
3 or more sources of code further includes establishing an association between said one  
4 or more protection domains and said one or more sources of code and one or more  
5 keys associated with said one or more sources of code.

1 18. (NOT AMENDED) The computer readable medium of Claim 17, wherein the step of  
2 establishing an association between said one or more protection domains and said one  
3 or more sources of code and said one or more keys associated with said one or more  
4 sources of code further includes establishing said association between said one or  
5 more protection domains and said one or more sources of code and said one or more  
6 keys associated with said one or more sources of code based on data persistently  
7 stored, wherein said data associates particular sources of code and particular keys  
8 with a set of one or more permissions.

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19. (NOT AMENDED) A computer system comprising:  
a processor;  
a memory coupled to said processor;  
one or more protection domains stored as objects in said memory, wherein each  
protection domain is associated with zero or more permissions;  
a domain mapping object stored in said memory, said domain mapping object  
establishing an association between said one or more protection domains and  
one or more classes of one or more objects; and  
said processor being configured to determine whether an action requested by a  
particular object is permitted based on said association between said one or  
more protection domains and said one or more classes.

20. (NOT AMENDED) The computer system of Claim 19, wherein:  
at least one protection domain of said one or more protection domains is associated  
with a code identifier;  
at least one class of said one or more classes is associated with said code identifier;  
and  
said computer system further comprises said processor configured to establish an  
association between said one or more protection domains and said one or more  
classes of one or more objects by associating said one or more protection  
domains and said one or more classes based on said code identifier.

21. (NOT AMENDED) The computer system of Claim 20, wherein said code identifier  
indicates a source of code used to define each class of said one or more classes.

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1 22. (NOT AMENDED) The computer system of Claim 20, wherein said code identifier  
2 indicates a key associated with each class of said one or more classes.

1 23. (NOT AMENDED) The computer system of Claim 20, wherein said code identifier  
2 indicates a source of code used to define each class of said one or more classes and  
3 indicates a key associated with each class of said one or more classes.

1 24. (NOT AMENDED) The computer system of claim 20, further comprising said  
2 processor configured to associate said one or more protection domains and said one or  
3 more classes based on said code identifier by associating said one or more protection  
4 domains and said one or more classes based on data persistently stored in said  
5 computer system, wherein said data associates code identifiers with a set of one or  
6 more permissions.

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